#### **BUREAU OF PUBLIC WATER SUPPLY**

# CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

O 19 000 5
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer

TSWN OF ROXIE

Public Water Supply Name

| confide<br>must be | ce report (CCR) to its customers each year. Depending on the population served by the public water system, this CC mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.  |
|--------------------|--|
| Please             | nswer the Following Questions Regarding the Consumer Confidence Report   |
| A                  | Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)   |
|                    | Advertisement in local paper On water bills Other POSTAL CATY HALL   |
|                    | Date customers were informed://  |
|                    | CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:   |
|                    | Date Mailed/Distributed://   |
| A                  | CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)   |
| •                  | Name of Newspaper: FRANKLIN ADVOCATE   |
|                    | Date Published: 6 / 12   |
|                    | CCR was posted in public places. (Attach list of locations)  |
|                    | Date Posted: / /   |
|                    | CCR was posted on a publicly accessible internet site at the address: www  |
| <b>CERT</b>        | FICATION CONTRACTOR OF THE PROPERTY OF THE PRO |
| the for            | certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system and manner identified above. I further certify that the information included in this CCR is true and correct and it with the water quality monitoring data provided to the public water system officials by the Mississippi Statent of Health, Bureau of Public Water Supply.  |
| RQE<br>Name        | 34 SELMW OPERATOR 617-1912 itle (President, Mayor, Owner, etc.) Date   |
|                    | Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518  |

# 2011 Annual Drinking Water Quality Report

# Connected

# TOWN OF ROXIE

# PWS ID # 0190005 JUNE 11, 2012

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from two wells using water from the Miocene Series Formation Aquifer.

Our source water assessment has been completed and it shows our wells have a lower susceptibility to contamination.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Selman, our operator, at 601-587-7635. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of every month at 7 P.M. at City Hall.

The Town of Roxic routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1\* to December 31\*, 2011. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

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Action Level- the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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Maximum Contaminant Level Goal- The AGoal≅(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

|                            |                      |                                       |   | TEST R  | ESULTS                  |            | <u> </u>            |  |
|----------------------------|----------------------|---------------------------------------|---|---|-------------------------|------------|---------------------|--|
| Contaminant                | Violati<br>on<br>Y/N | Date<br>Collected                     | Level<br>Detect<br>ed                         | Range of<br>Detects or<br># of<br>Samples<br>Exceeding<br>MCL/ACL | Unit<br>Measure<br>ment | MCL<br>G   | MCL                 | Likely Source of<br>Contamination  |
| Disinfectants and          |                      |                                       |   |   | account for             | control of | microbial contamina | rstal  |
| Chlorine (as CL2)          | N N                  | 2011                                  | 0.90<br>(RAA)<br>Running<br>Annual<br>Average | .60-low   | ppm                     | 4.0        | 4.0                 | Water additive<br>used to control<br>microbes  |
| Inorganic Conta            | mînante              | · · · · · · · · · · · · · · · · · · · |   | ~~~   |                         |            |                     |  |
| 19. Nitrate(as<br>Nitrogen | N                    | 1-31-2011                             | 0.17  | 0   | ppm                     | 10         | 10                  | Runoff from<br>fertilizer use;<br>leaching from<br>septic tanks<br>,sewage;erosion of<br>natural deposits                |
| 8. Arsenic                 | N                    | 5-11-2011                             | 1.2   | NO<br>RANGE   | Ppb                     | n/a        | 10                  | Erosion of natural<br>deposits; runoff<br>from orchards;<br>runoff from glass<br>and electronics<br>production wastes    |
| 10, Barium                 | N                    | 5-11-2011                             | 0.0863  | NO<br>RANGE   | Ppm                     | 2          | 2                   | Discharge of<br>drilling wastes;<br>discharge from<br>metal refineries;<br>erosion of natural<br>deposits                |
| 14. Copper                 | N                    | 8-4-2011                              | 0.1   | 0   | ppm                     | 1.3        | AL-1.3              | Corrosion of<br>household<br>plumbing systems;<br>erosion of natural<br>deposits; leaching<br>from wood<br>preservatives |
| 17. Lead                   | N                    | 8-4-2011                              | 3.0   | 0   | ppb                     | 0          | AI,-15              | Corrosion of<br>household<br>plumbing systems,<br>erosion of natural<br>deposits   |
| MOST RECEN                 | T SAMPL              | E                                     | L   |   |                         | L          |                     |  |

Inorganic Contaminants:

- (10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.
- (14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.
- (17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

| ******* |
|---------|
|         |

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Town of Roxie is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.cpa.gov/safewater/lead">http://www.cpa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### \*\*\*\*\*\*\*\*\* A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007- December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

We received a CCR violation in 2011 for not having the CCR completed on time and adequate.

Please call our office if you have questions.

2012 JUN 28 AM 9: 27

# 2011 Annual Drinking Water Quality Report

# **TOWN OF ROXIE**

# PWS ID # 0190005 JUNE 11, 2012

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|                            |                      |                   |   | TEST R  | ESULTS                  |  |                        |   |
|----------------------------|----------------------|-------------------|---|---|-------------------------|--|------------------------|---|
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|                            |                      |                   |   |   |                         |  | •                      |   |
| Inorganic Conta            | minants              |                   |   |   |                         | ······································ |                        |   |
| 19. Nitrate(as<br>Nitrogen | N                    | 1-31-2011         | 0.17  | 0   | ppm                     | 10                                     | 10                     | Runoff from<br>fertilizer use;<br>leaching from<br>septic tanks<br>,sewage;erosion of<br>natural deposits             |
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| 10. Barium                 | N                    | 5-11-2011         | 0.0863  | NO<br>RANGE   | Ppm                     | 2                                      | 2                      | Discharge of<br>drilling wastes;<br>discharge from<br>metal refineries;<br>erosion of natural<br>deposits             |
| 14. Copper                 | N                    | 8-4-2011          | 0.0   | 0   | ppm                     | 1.3                                    | AL=1.3                 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives                |
| 17. Lead                   | N                    | 8-4-2011          | 0.0   | 0   | ppb                     | 0                                      | AL=15                  | Corrosion of household plumbing systems, erosion of natural deposits  |
| *MOST RECEN                | T SAMPI              | E                 |   |   |                         |  |                        |   |

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| * * * * * * * * * * * | Additional | Information                             | for Lea | d******** |
|-----------------------|------------|---|---------|-----------|
|                       |            | 111111111111111111111111111111111111111 | 101 188 | 1 A       |

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FOUNTED WATER SUPPL

# **Proof of Publication**

2012 JUN 28 AM 9: 28

STATE OF MISSISSIPPI FRANKLIN COUNTY

COPY OF NOTICE

| Before me, the undersigned authority in and for the county and State aforesaid, this day personally appeared   |
|--|
| who being duly sworn, states on oath that he is the Publisher of the Franklin Advocate, a weekly newspaper published in the town of Meadville, Franklin County, Mississippi, with a general circulation in said County, and that the publication of the notice, a copy of which is hereto attached, has been made in said newspaper 1× times at weekly intervals in the regular entire issue of said newspaper for the consecutive numbers and dates |
| thereof bereinafter named to-wit:  |
| Vol. 125       No. 36       on the 26st day of 2012         Vol. No. on the day of 20       20  |
| Affiant further states on eath that the said newspaper has been established for twelve months next prior the first publication of said notice.   |
| Maroha L. Will Publisher   |
| Sworn to and subscribed before me this the 25 day of Two 20 /2  Notary Public  |

## 2011 Annual Drinking Water Quality Report

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| ł |           |                      |                   |    |   |                         |          |     |                                   |
|---|-----------|----------------------|-------------------|----|---|-------------------------|----------|-----|-----------------------------------|
| L | Contamana | /iołati<br>on<br>Y/N | Date<br>Collected | ed | Range of Detects or # of Samples Exceeding MCI/ACI, | Unit<br>Measure<br>ment | MCL<br>G | MCL | Likely Source of<br>Contamination |
|   |           |                      |                   |    |   |                         |          |     |                                   |

Disinfectants and Disinfection By-Products

#### ROXIE WATER REPORT continued .

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|----------------------------|---|-----------|---|---------------------|-----|-------|-------|--------|---|
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| 14. Copper                 | N | 8-4-2011  | 0.0   | 0                   | ppm | 1.3   |       | ALAI:3 | Corrosion of household plumbing systems erosion of natural deposits; leaching from wood preservatives                 |
| 17. Lead                   | N | 8-4-2011  | 0.0   | 6                   | ppb | 0     | 100 P | AL-15  |   |

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ROXIE WATER REPORT continued on next page

THE FRANKLIN ADVOCATE POST OFFICE BOX 576 MEADVILLE, MS. 39653

601-384-2484

**JUNE 24, 2012** 

TOWN OF ROXIE
WATER QUALITY REPORT

**PUBLISHED** 

VOLUME 125, NUMBER 36 JUNE 21, 2012

**TOWN OF ROXIE ROXIE, MS 39661** 

Total Cost: \$250.00

Copy given to: Bobby Selman